Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 01 Dec 2021 until 23:59 on Thursday 02 Dec 2021

Forecast Issued on Tuesday 30 Nov 2021 at 16:22

Confidence: High for showery conditions on Wednesday then mainly dry, bright and cold on Thursday. Low for details from Friday onwards.

Headline for Wednesday 01 Dec 2021: Bright spells and a few showers, wintry on the tops. Cold and windy at height.

Mountain weather hazards on Wednesday 01 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Sleet showers	Sleet showers	Cloudy	Clear night	Clear night
Precipitation probability							
60%	60%	60%	60%	60%	30%	20%	20%

Forecast for Wednesday 01 Dec 2021

Weather: Bright or clear intervals with occasional showers, falling as sleet or snow above 600m. The showers will become more scattered in the afternoon then die out by evening. A dry evening with long clear spells.

Chance of cloud free mountain/hill tops above 600m: 40% in morning becoming 90% in afternoon.

Visibility: Occasionally poor in the morning above 500 or 600m due to low cloud and occasional showers reducing visibility to less than 100m at times. Very good on lower slopes between showers and becoming more generally good at all levels during the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Wednesday 01 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	31/40 W	31/40 NW	29/38 NW	26/35 NW	18/24 NW	21/29 N	21/30 N	20/29 N	15/23 NW
300	24/35 W	24/35 NW	22/33 W	20/29 NW	14/22 NW	15/22 N	15/23 N	13/20 NW	10/16 W
Valley	17/33 W	17/34 NW	15/31 W	14/29 NW	10/21 NW	11/24 N	10/23 N	8/20 NW	6/15 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/0	3/-3	3/-4	2/-5	2/-3	1/-5	-1/-8	-2/-9	-3/-9
300	8/3	6/1	5/-0	5/-1	5/0	4/-1	2/-3	0/-5	-1/-6
Valley	8/4	6/2	6/2	5/1	6/2	4/1	2/-2	1/-3	-1/-4
Freezing Level*	1600m	1100m	1000m	900m	800m	700m	400m	200m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Be prepared for a significant wind chill on the tops with gusts of 30 to 40mph.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 30 Nov 2021	0.6mm	0.6mm	0.6mm

Forecast for Thursday 02 Dec 2021

Weather: Clear spells and a few wintry showers overnight. Cold and dry with long bright or sunny spells during the day but high cloud increasing later. Outbreaks of sleet or snow will spread east late in the evening.

Maximum wind: North or NW 20mph gusts 30mph in the morning, easing Westerly 10 to 15mph in the afternoon.

Chance of cloud free mountain/hill tops above 600m: 40% for a time overnight, otherwise 95%. Falling to 10% late evening as snow spreads east.

Visibility: Poor at times in early hours then very good during the day. Cloud becoming extensive again in the evening, down to 200 or 300m later.

Temperature: **Valleys:** Minus 1C rising to 3 or 4C.
At 600m: Minus 3 or 4C, rising to Plus 1C late evening.
Freezing level: 200 or 300m, slowly rising to 600m late evening.

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